

Title (en)

PROCESSING METHOD AND APPARATUS WITH AUGMENTED REALITY AND ATTENUATION COMPENSATION

Title (de)

VERARBEITUNGSVERFAHREN UND -VORRICHTUNG MIT ERWEITERTER REALITÄT UND LICHTSCHWÄCHUNGSKOMPENSATION

Title (fr)

PROCÉDÉ ET APPAREIL DE TRAITEMENT À RÉALITÉ AUGMENTÉE ET COMPENSATION D' ATTÉNUATION

Publication

EP 4207086 A1 20230705 (EN)

Application

EP 22190811 A 20220817

Priority

KR 20210194242 A 20211231

Abstract (en)

A method and apparatus for processing augmented reality (AR) are disclosed. The method includes determining a compensation parameter to compensate for light attenuation of visual information caused by a display area of an AR device as the visual information corresponding to a target scene is displayed through the display area, generating a background image without the light attenuation by capturing the target scene using a camera of the AR device, generating a compensation image by reducing brightness of the background image using the compensation parameter, generating a virtual object image to be overlaid on the target scene, generating a display image by synthesizing the compensation image and the virtual object image, and displaying the display image in the display area.

IPC 8 full level

G06T 19/00 (2011.01); **G02B 27/00** (2006.01)

CPC (source: CN EP KR US)

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Citation (search report)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

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DOCDB simple family (application)

EP 22190811 A 20220817; CN 202210732150 A 20220623; JP 2022167314 A 20221019; KR 20210194242 A 20211231; US 202217836516 A 20220609; US 202418402251 A 20240102